

Intercontinental Terminals Company (ITC) Fire Morning Update

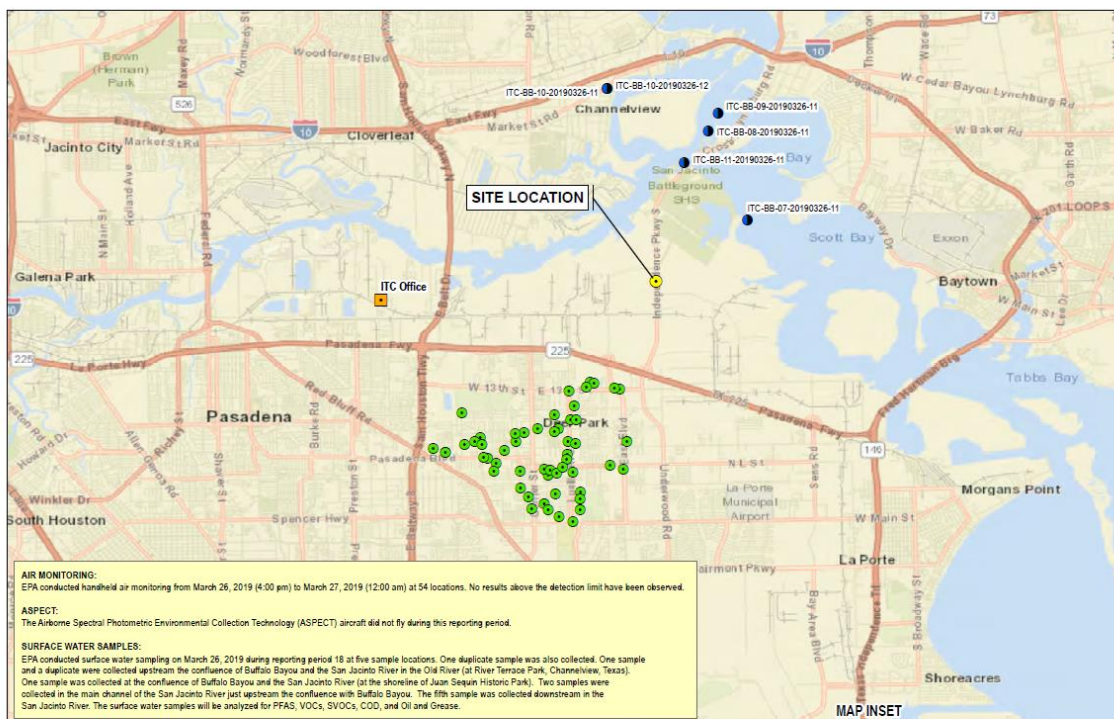
Deer Park, Texas

March 26, 2019 1200 – March 27, 2019 0400

- Environmental Protection Agency (EPA) continues to participate in Unified Command with the Texas Commission on Environmental Quality (TCEQ), Harris County Pollution Control Services, and ITC.
- On March 26, 2019, TCEQ conducted overflight operations to observe the impacted tank farm, Tucker Bayou, and the Houston Ship Channel. The team observed a few pockets of material that had not been addressed by the United States Coast Guard (USCG) or ITC. USCG has been made aware of these areas and are addressing the spots.
- On March 26, 2019, TCEQ discussed concerns with re-starting the Waste Water Treatment Plant. ITC will address those concerns before re-starting.
- On March 26, 2019, ITC incident commander updated the tank status to empty for tanks 80-10 (Py Gas), 80-14 (Py Gas), and 80-15 (Py Gas). Tank 80-7 (Py Gas) is empty of product, but a foam layer is being maintained. ITC is assessing the status of tank 80-13 (Toluene).
- All Py Gas tanks contents have been reduced to residue. It is expected that this will reduce benzene vapors from the ITC tank farm.
- On March 26, 2019, EPA and TCEQ discussed the documentation plan with ITC. TCEQ legal will review the plan and provide additional comments.
- On March 26, 2019, EPA and TCEQ discussed the status with ITC Incident Command, with potential flushing of the ditches as an option. This will be discussed with USCG, EPA, and TCEQ further in the morning.
- ITC continues foaming of the tanks and secondary containment to prevent reignition and reduce emissions as necessary.
- EPA conducted surface water sampling on March 26, 2019 during reporting period 18 at five sample locations. One duplicate sample was also collected. One sample and a duplicate were collected upstream the confluence of Buffalo Bayou and the San Jacinto River in the Old River (at River Terrace Park, Channelview, Texas). One sample was collected at the confluence of Buffalo Bayou and the San Jacinto River (at the shoreline of Juan Sequin Historic Park). Two samples were collected in the main channel of the San Jacinto River just upstream the confluence with Buffalo Bayou. The fifth sample was collected downstream in the San Jacinto River. The surface water samples will be analyzed for PFAS, VOCs, SVOCs, COD, and Oil & Grease. Several entities including Harris County, Texas Commission on Environmental Quality (TCEQ), EPA, the 6th Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft did not fly during this reporting period.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 26, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for toluene and xylene. The TAGA air sampling results found exceedances of the short-term AMCV for benzene (0.18 ppm). These exceedances of the

short-term AMCV for benzene were in the vicinity of and just north of the ITC site and have been shared with unified command and local officials.

- EPA conducted handheld air monitoring from March 26, 2019 (4:00 pm) to March 27, 2019 (12:00 am) at 54 locations. No results above the detection limit have been observed.
- ITC continued air monitoring on March 26 (midnight to midnight); there were 2,612 VOC readings (481 detections) with and 1,785 benzene readings (355 detections). There continues to be readings above the action levels for benzene close to the tank farm on Tidal Road, and by Dock 4 on Buffalo Bayou.
- TCEQ continued handheld air monitoring between 2:00 pm and 10:00 pm on March 26 (34 readings). No significant readings were detected.
- On March 26, 2019, Unified Command developed, reviewed, and approved the Incident Action Plan (#5) for the next operational period.
- Vac truck operations at Tucker Bayou and the outfall ditch continue on 24 hour basis.



Legend

- ITC OFFICE LOCATION
- SITE LOCATION
- WATER SAMPLE LOCATION
- AIR MONITORING LOCATION
- NO DETECT

TEXAS

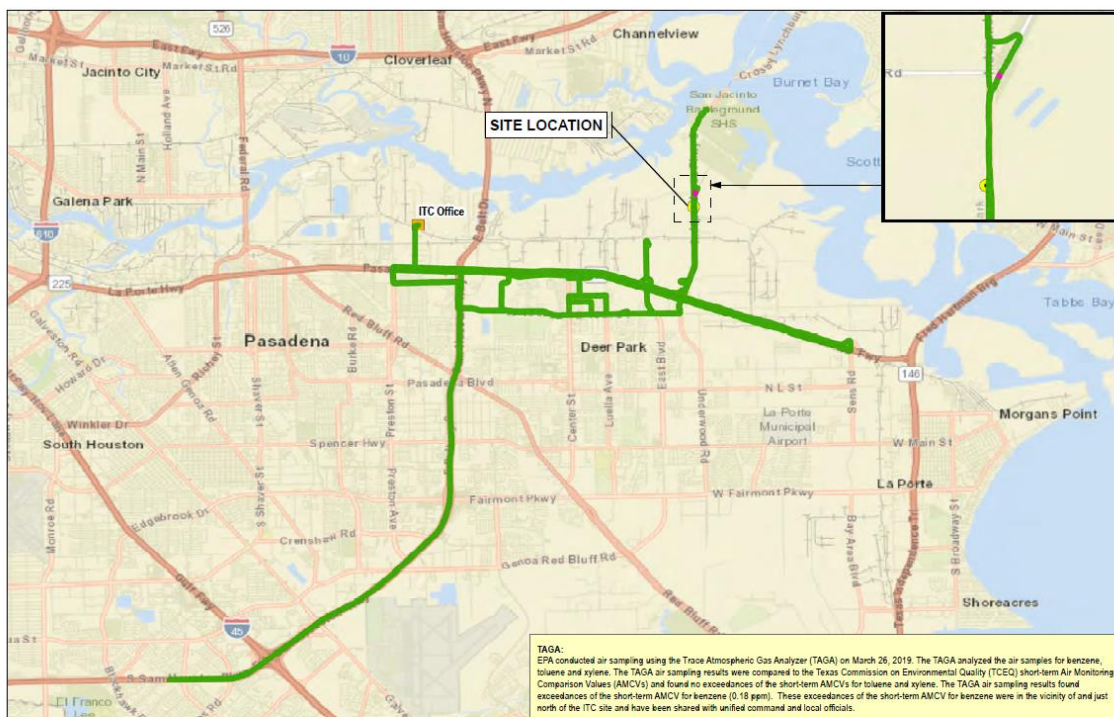
AIR MONITORING MAP
INTERCONTINENTAL TERMINALS
COMPANY FIRE
1943 INDEPENDENCE PARKWAY
LA PORTE, HARRIS COUNTY, TEXAS

REPORTING PERIOD #18
3/26/2019 12:00 - 3/27/2019 04:00

SCALE IN MILES

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Substance	CAS #	Short-term AMCV Health (ppb)
benzene	71-43-2	180
m,p-xylene	179601-23-1	1700
o-xylene	95-47-6	1700
toluene	108-88-3	4000

Legend

- ITC OFFICE LOCATION
- SITE LOCATION
- RESULTS BELOW AMCVs
- RESULTS ABOVE AMCVs

TEXAS

TAGA MONITORING MAP
INTERCONTINENTAL TERMINALS
COMPANY FIRE
1943 INDEPENDENCE PARKWAY
LA PORTE, HARRIS COUNTY, TEXAS

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